

JULY 10, 1998

Ms. Marcia Earl  
Indiana Department of Environmental Management  
Office of Solid and Hazardous Waste Management  
100 North Senate Avenue  
Indianapolis, IN 46206-6015

Dear Ms. Earl

The following information was requested by Jeffrey Workman concerning our Special Waste application (no.80144).

He asked that it be sent to your attention. I have enclosed a copy of his letter along with the information on the four items of concern and the MSDS sheets showing additional information needed for the non-chrome sealer (ICA-503) from our supplier, Dubois Chemical.

If you need any other information, please contact me.

Sincerely,

MILBANK MFG. CO., INC.

Roger D. Glendenning  
Plant Superintendent



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We make Indiana a cleaner, healthier place to live*

Frank O'Bannon  
Governor

Mr. M. Hamilton  
Commissioner

100 North Senate Avenue  
P.O. Box 6015  
Indianapolis, Indiana 46206-6015  
(317) 232-8603  
(800) 451-6027  
[www.idem.org](http://www.idem.org)

June 16, 1998

Mr. Roger Glendening  
Milbank Manufacturing, Inc.  
P.O. Box 754  
Kokomo, IN 46903-0754

Re: Request for Additional Info., Application No. 80144  
Milbank Manufacturing; Howard County

Dear Mr. Glendening:

This letter is in response to a Special Waste Certification Application for the disposal of wastewater treatment filter cake. Staff have reviewed your application and determined that additional information processes that generating the filter cake is needed. Please address the following.

- 1) Information with your application indicates Milbank runs both galvanized steel and aluminum parts. Please explain what exactly is being done to the surface of both of these types of parts as a result of your five stage wash process.
- 2) Do any industrial processes at Milbank involve the chemical conversion coating of aluminum?
- 3) Does Milbank have any electroplating processes on-site?
- 4) Stage five of Milbank's wash process involves the application of a non-chrome sealer. Does this seal place a coating on the aluminum parts? Please provide a list of ingredients found in the sealer along with their percent composition.

Please submit this information to Ms. Marcia Earl at the following address:

Attn: Ms. Marcia Earl  
Indiana Department of Environmental Management  
Office of Solid and Hazardous Waste Management  
100 North Senate Avenue  
Indianapolis, IN 46206-6015

No further action can be taken on your application until this information is received. If you have further questions concerning this matter, please contact me at 317/233-0999.

Sincerely,

Jeffrey A. Workman  
Special Waste Section  
Solid Waste Facilities Branch  
Solid and Hazardous Waste Management

## INFORMATION REQUESTED ITEM #1

### GALVANIZED MATERIAL

ALL 5 STAGES ARE SPRAY APPLICATION

#### STAGE 1

GALVANIZED PARTS ARE WASHED WITH "LIQUID FERRO TERJ" (DUBOIS), AN ALKALINE CLEANER USED TO REMOVE ANY DIRT, SHAVINGS OR SOLUBLE OIL FROM THE SURFACE OF THE MATERIAL.

#### STAGE 2

GALVANIZED PARTS ARE RINSED WITH CITY WATER TO ELIMINATE ANY LIQUID FERRO TERJ THAT MAY HAVE CARRIED OVER FROM STAGE 1.

#### STAGE 3

GALVANIZED PARTS ARE WASHED WITH "SECURE LOW FOAM" (DUBOIS) WHICH IS A MILD ACIDIC SPRAY USED TO CLEAN AND PREPARE THE SURFACE FOR PAINTING.

#### STAGE 4

GALVANIZED PARTS ARE RINSED WITH CITY WATER TO ELIMINATE ANY SECURE LOW FOAM THAT MAY HAVE CARRIED OVER FROM STATE 3.

#### STAGE 5

GALVANIZED PARTS ARE RINSED WITH ICA-503 (DUBOIS) WHICH IS A FINAL RINSE ADDITIVE USED TO PROMOTE BETTER ADHESION FOR THE POWDER PAINT. (SEE ATTACHED MSDS SHEET)

INFORMATION REQUESTED ITEM #1

ALUMINUM MATERIAL

ALL 5 STAGES ARE SPRAY APPLICATION

STAGE 1

ALUMINUM PARTS ARE WASHED WITH "LIQUID FERRO TERJ" (DUBOIS), AN ALKALINE CLEANER USED TO REMOVE ANY DIRT, SHAVINGS OR SOLUBLE OIL FROM THE SURFACE OF THE MATERIAL.

STAGE 2

ALUMINUM PARTS ARE RINSED WITH CITY WATER TO ELIMINATE ANY LIQUID FERRO TERJ THAT MAY HAVE CARRIED OVER FROM STAGE 1.

STAGE 3

ALUMINUM PARTS ARE WASHED WITH "SECURE LOW FOAM" (DUBOIS) WHICH IS A MILD ACIDIC SPRAY USED TO CLEAN AND PREPARE THE SURFACE FOR PAINTING.

STAGE 4

ALUMINUM PARTS ARE RINSED WITH CITY WATER TO ELIMINATE ANY SECURE LOW FOAM THAT MAY HAVE CARRIED OVER FROM STATE 3.

STAGE 5

ALUMINUM PARTS ARE RINSED WITH ICA-503 (DUBOIS) WHICH IS A FINAL RINSE ADDITIVE USED TO PROMOTE BETTER ADHESION FOR THE POWDER PAINT. (SEE ATTACHED MSDS SHEET)

INFORMATION REQUESTED ITEM #2

NO INDUSTRIAL PROCESS AT MILBANK INVOLVES THE  
CHEMICAL CONVERSION COATING OF ALUMINUM.

INFORMATION REQUESTED ITEM #3

MILBANK DOES NOT HAVE ANY ELECTROPLATING  
PROCESSES.

INFORMATION REQUESTED ITEM #4

OUR IC-503 (NON CHROM SEALER) DOES NOT PLACE A  
COATING ON ALUMINUM PARTS. ATTACHED ARE THE MSDS  
SHEETS.

USE : TANK #5

From DiversyLever at 511 N. 6835

06-18-93 04:17 pm 00000000

MATERIAL SAFETY DATA SHEET

ICR-503

Page 1 of 1  
 Revised 6/10/93  
 Replaces (None)  
 Printed 6/10/93

MSDS ID: 02442

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME ICR-503  
 PRODUCT DESCRIPTOR FINAL RINSE ADDITIVE  
 MANUFACTURER DIVERSY CHEMICALS  
 255 E. 5TH ST.  
 CINCINNATI, OH 45202  
 EMERGENCY PHONE NUMBERS: MEDICAL (COLLECT): (303)592-1024  
 CHEMTREC: (800)424-9300  
 DUBOIS (24 HOURS): (800)543-4906

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME (CAS NUMBER)	%	EXPOSURE LIMITS	UNITS
ALUMINUM CHLOROHYDRATE (SOLUBLE SALTS) 1327-41-9)	50	TIV 2	MG/M3

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY INHALATION: NO  
 SKIN: NO  
 INGESTION: YES  
 SIGNS AND SYMPTOMS OF EXPOSURE:  
 ACUTE: MAY CAUSE EYE IRRITATION  
 CHRONIC: SAME AS ACUTE  
 MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:  
 SENSITIVE SKIN

IV. FIRST AID MEASURES

EYES: FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.  
 SKIN: FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES.  
 INGESTION: GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION  
 INHALATION: N/A IN NORMAL OPERATION.

V. FIRE FIGHTING MEASURES

FLASH POINT: N/A	DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:		LEL: N/A	UEL: N/A
UNUSUAL FIRE OR EXPLOSION HAZARDS:		NONE KNOWN	
EXTINGUISHING MEDIA:		CO2, DRY CHEMICAL, FOAM, WATER	
FIRE FIGHTING INSTRUCTIONS:		MAY DECOMPOSE TO HYDROGEN CHLORIDE IN FIRE. IF FUMES ARE PRESENT, WEAR SELF-CONTAINED BREATHING APPARATUS.	

From: DiverseyLever at 513 24 6035

06-18-93 04:18 pm 19 004 01 05

MATERIAL SAFETY DATA SHEET

Page 2 of 3  
Revised 6/20/93  
Replaces UN000  
Printed 6/18/93

ICA-503

MSDS ID: 02442

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: FLUSH SMALL AMOUNTS TO DRAIN. COLLECT AND RETURN LARGE SPILLS TO CONTAINER.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: DO NOT PRESSURIZE CONTAINER TO EMPTY. IF FROZEN, THAW AND MIX TO MAKE USABLE.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION SAFETY GLASSES  
PROTECTIVE GLOVES NON-ABSORBENT  
RESPIRATORY PROTECTION NONE  
OTHER PROTECTIVE CLOTHING/EQUIPMENT: NONE  
EXPOSURE GUIDELINES SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°F) 220 SPECIFIC GRAVITY: 1.3400  
VOLATILE BY VOLUME 50 SOLUBILITY IN WATER: 100  
VAPOR PRESSURE (MMHG) N/A AT  
APPEARANCE AND ODOR CLEAR TO SLIGHTLY HAZY LIQUID; NO ODOR

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY STABLE  
INCOMPATIBILITY WITH OTHER MATERIALS. PRODUCT WILL SLOWLY CORRODE IRON, COPPER, ALUMINUM, MILD STEEL  
HAZARDOUS DECOMPOSITION PRODUCTS: HCl  
HAZARDOUS POLYMERIZATION: NONE KNOWN

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. CONTAINS NO PHOSPHATES.

From: DiverseyLever at @ 913 26 6835

06 18-93 04:18 pm 005 of 06

MATERIAL SAFETY DATA SHEET

ICA-503

Page 3 of 3  
Revised 6/30/93  
Replaces (None)  
Printed 6/18/93

MSDS ID: 02442

XIV. TRANSPORT INFORMATION

HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME:

D O T CLASS COMPOUNDS, WATER CLARIFYING, LIQUID, N.O.I.

XV. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA SECTION 313 TOXIC CHEMICALS:

NONE

LISTED CARCINOGEN NONE

NTP NO

IARC: NO

OSHA: NO

HMIS RATINGS. HEALTH 1 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: B

STATE RIGHT-TO-KNOW INFORMATION:

ALUMINUM CHLOROHYDROXIDE - CAS # 1327-41-9

WATER - CAS # 7732-18-5

XVI. OTHER INFORMATION

THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT  
MAY NOT BE VALID FOR THIS MATERIAL IF USED OTHER THAN AS RECOMMENDED  
BY DIVERSEY CHEMICALS OR IN COMBINATION WITH OTHER MATERIALS. IT IS THE  
USER'S RESPONSIBILITY TO EVALUATE THE APPLICABILITY OF THIS INFORMATION  
FOR HIS PARTICULAR CONDITIONS OF STORAGE, HANDLING AND USE



4845  
WASTE SERVICE  
WASTE COLLECTION

PREQUALIFICATION EVALUATION

PAGE 1 OF 4  
COMPLETED: 07/02/98  
REVISED: 07/02/98  
RUN: 07/03/98

ACCEPT FOR SHIPMENT

SUBMITTER: 407602  
MOD

CONTROL #: 1817730-9  
LAB #: 6069817730-1  
SURVEY #: 1155515

ATOR INFORMATION: CUSTOMER NUMBER: 4076-02-8560

MILBANK MFG  
1400 E HAVENS  
KOKOMO, IN 46903

ATTN: ROGER D GLENDENING

BRANCH: 407602 - GREENWOOD

GENERAL DESCRIPTION: WASTE WATER TANK #1	
NATURE OF BUSINESS: ELE BOX MFG	S.I.C.:
FEDERAL EPA ID: IND006052930	STATE ID(S): IN IND006052930
FACILITY ADDRESS: MANIFEST	BILLING ADDRESS:
1400 E HAVENS	PO BOX 754
KOKOMO, IN 46903	KOKOMO, IN 46901-0754
PROCESS DESCRIPTION: FROM A WASH TANK	
GENERATION AMOUNT: 3500 GALLONS YEARLY	PART#:
P.O. #:	DATE SURVEY SIGNED: 06/24/98
CONTACT: ROGER D GLENDENING	TITLE: PROD MGR
	PHN: 765-452-5694

\*\*\* ACCEPT FOR SHIPMENT

CONTINUED ON NEXT PAGE

MIL0000301

OIL RECOVERY SERVICE  
OIL SERVICES COLLECTION

QUALIFICATION EVALUATION

PAGE 2 OF 4  
COMPLETED: 07/02/98  
REVISED: 07/02/98  
RUN: 07/03/98

ACCEPT FOR SHIPMENT

BRANCH/SUBMITTER: 407602  
GREENWOOD

CONTROL #: 1817730-9  
LAB #: 6069817730-1  
SURVEY #: 1155515

CORPORATE REVIEW:

DISPOSITION: ACCEPT FOR SHIP PART NUMBER: 0087174 WASTE, WATER 55-1  
REVIEW DATE: 07/02/1998 REVIEWERS: DRM

APPROVED FACILITIES:

SAFETY-KLEEN CORP.  
1722 COOPER CREEK ROAD  
DENTON, TX 76208

SAFETY-KLEEN CORP.  
3700 LAGRANGE ROAD  
SMITHFIELD, KY 40068  
KYD053348108

FED EPA#: TXD077603371

STATE EPA#: 65124

TELEPHONE: 9403832611

STATE AUTH:

5028452453

APPROVED DOT - SHIPPING DESCRIPTION  
0005468 DRUM OR BULK WATER

(NOT USDOT OR USEPA HAZARDOUS MATERIAL)

STATE/PROV. CODES: TX OUTS1141

US EPA WASTE CODES: NONE

USA

REVIEW COMMENTS:

\*\*\*\*\*

\* OK FOR WASTE WATER FUEL. WASTE SHIPPED IN DRUMS FROM THE CUSTOMERS SITE  
\* NEED TO BE EQUIPPED WITH A BUNG ON THE TOP LID PRIOR TO SHIPMENT. DRUMS  
\* RECEIVED FROM THE CUSTOMER LACKING BUNGS WILL BE RETURNED TO THE CUSTOMER BY  
\* THE SK TSDF.

\* PROPER SHIPPING DESCRIPTION WAS BASED ON THIS SINGLE ANALYSIS. GENERATOR  
\* MUST CERTIFY THAT SHIPMENT IS NOT HAZARDOUS. PER COMPANY POLICY, FRS  
\* CUSTOMERS MUST COMPLETE GENERATOR CERTIFICATION WITH EACH SHIPMENT  
\* AND BRANCH WILL FILE IN CUSTOMER RECORDS.

\* A GENERATOR WASTE DETERMINATION CERTIFICATION FORM FOR USEPA NON-HAZARDOUS  
\* WASTE APPROVAL HAS BEEN RECEIVED.

\* THIS WASTE STREAM HAS BEEN REVIEWED FOR RECEIPT AT THE DOLTON RECYCLE CENTER  
\* AND IS NOT APPROVED FOR THIS FACILITY AT THIS TIME.

\* FOR SKOS DUE TO WATER SOURCE

\* CAUSTIC COAGULATION: PASS

\*\*\*\*\*

THIS SERVES AS NOTICE PER FEDERAL AND STATE REGULATIONS THAT EACH FACILITY  
NOTED ABOVE HAS THE APPROPRIATE PERMITS, CAPABILITIES, CAPACITY, AND IS  
WILLING TO ACCEPT THE MATERIAL AS DESCRIBED IN THE APPROVAL SECTION.  
IT IS THE RESPONSIBILITY OF THE GENERATOR TO NOTIFY SAFETY-KLEEN CORP. OF  
ANY CHANGES IN THE PROCESS GENERATING THIS WASTE STREAM.

\*\*\* ACCEPT FOR SHIPMENT

CONTINUED ON NEXT PAGE

ACCEPT FOR SHIPMENT

BRANCH/SUBMITTER: 407602  
GREENWOOD

CONTROL #: 1817730-9  
LAB #: 6069817730-1  
SURVEY #: 1155515

GENERAL ANALYSIS OF TOTAL SAMPLE

OR : LT YELLOW GREY  
WATER CONTENT : 98.0 WT%  
NON-VOLATILE RESIDUE : 2.5 WT% DESCRIPTION: SOLID  
FLAMMABILITY : NO FLASH AT 73 F BY SETAFLASH  
FLAMMABILITY : NO FLASH AT 140 F BY SETAFLASH  
PH : DIRECT BY METER 10.3  
RADIOACTIVITY : NONE DETECTED  
COMMENTS: H2O COMP: COMP;NVR@200: SOLID, 2.3

FUEL EVALUATION OF TOTAL SAMPLE

HEAT CONTENT : < 500 BTU/LB ASH UPON COMBUSTION : 7.2 WT%  
TOTAL HALOGENS : < 0.1 WT%  
TOTAL BROMINE BR: < 0.1 WT% TOTAL FLUORINE F: < 0.1 WT%  
TOTAL SULFUR S: < 0.1 WT% TOTAL CHLORINE CL: < 0.1 WT%  
COMMENTS: FLASH @ 200: NICHLOIDE: <0.021;

METALS CONTENT OF TOTAL SAMPLE (PPM): DIGEST

		BY: ICP	
SILVER (D011)	AG: < 0.2	ARSENIC (D004)	AS: < 2
BARIUM (D005)	BA: < 7.9	BERYLLIUM	BE: < 0.4
CADMIUM (D006)	CD: < 0.5	COBALT	CO: < 0.5
CHROMIUM (D007)	CR: < 0.4	COPPER	CU: < 2.4
IRON	FE: 12	MERCURY (D009)	HG: < 2
MAGNESIUM	MG: 11	MANGANESE	MN: < 0.4
NICKEL	NI: < 0.7	PHOSPHORUS	P: 16
LEAD (D008)	PB: < 0.9	ANTIMONY	SB: < 3
SELENIUM (D010)	SE: < 4	SILICON	SI: 640
TITANIUM	TI: < 3.9	THALLIUM	TL: < 5.9
VANADIUM	V: < 0.4	ZINC	ZN: 24

GENERAL COMPOSITION:

COMPOSITION BY:	CENTRIFUGE (VOL%)	APPEARANCE (VOL%)	TOTAL (WT%)
AQUEOUS PHASE (FREE WATER)	99.5	99.0	99.0
ORGANIC PHASE (FEEDSTOCK)		0.0	0.0
TOM SLUDGE (SEMISOLIDS)	.5	1.0	1.0
TOM SOLID (SETTLED SOLIDS)		0.0	0.0
TOTAL	100.0	100.0	100.0
TOTAL PHASE	SPECIFIC GRAVITY: 1.000	VISCOSITY (CENTIPOISE): <	50 CPS

SPECIFIC COMPOSITION OF TOTAL SAMPLE

COMPOSITION OF:	TOTAL SAMPLE (WT%)	TOTAL SAMPLE (WT%)
WATER CONTENT	98.0	98.0
NON-VOLATILE RESIDUE	2.5	2.5
VOLATILE ORGANICS BY DIFFERENCE	0.0	0.0
TOTAL	100.0	100.0

\*\*\* ACCEPT FOR SHIPMENT

CONTINUED ON NEXT PAGE

01000 17000  
OIL RECOVERY SERVICE  
OIL SERVICES COLLECTION

QUALIFICATION EVALUATION

PAGE 4 OF 4  
COMPLETED: 07/02/98  
REVISED: 07/02/98  
RUN: 07/03/98

ACCEPT FOR SHIPMENT

BRANCH/SUBMITTER: 407602  
GREENWOOD

CONTROL #: 1817730-9  
LAB #: 6069817730-1  
SURVEY #: 1155515

VOLATILE ORGANIC COMPOSITION OF TOTAL SAMPLE BY GAS CHROMATOGRAPHY

5 SAMPLE PREPARATION METHODS: NEAT  
1 INJECTION METHODS: FID, FID

COMPOSITION OF:	VOLATILE ORGANICS (WT%)	TOTAL SAMPLE (WT%)
COMPOUND NAME NO VOLATILE ORGANICS DETECTED (<0.1% EACH) CODE: NONE CAS NUMBER:	100.0	0.0
TOTAL	100.0	0.0

SPECIFIC ORGANIC COMPOSITION  
POLYCHLORINATED BIPHENYLS (PCBS): NONE DETECTED <

LABORATORY REVIEW: A SEG CODE: REVIEWERS: XXX XXX LAB: SK TECHNICAL CTR  
RELEASED: 07/02/98 ANALYZED: 07/01/98 SUBMITTED: 06/26/98  
COMMENTS: SPECIFIC GRAVITY REPORTED AS BULK DENSITY

THE ANALYSIS CONTAINED HEREIN ARE PERFORMED SOLELY FOR THE PURPOSE OF  
QUALIFYING THE ANALYZED MATERIALS FOR ACCEPTANCE BY SAFETY-KLEEN CORP. IN  
ACCORDANCE WITH ITS PERMITS AND PROCESSING CAPABILITIES.

R E V I S I O N N O T E S \*\* (07/02/98) \*\*

FAC ADDR MNFST? FROM:  
TO: F  
FAC ADDR POSTAL FROM: 46901-1942  
TO: 46903

R E V I S I O N N O T E S \*\* (07/02/98) \*\*

NO CHARGE? FROM:  
TO: N  
SIGNER'S NAME FROM: ROGER A. GLENDENING  
TO: ROGER D. GLENDENING  
SIGNER'S TITLE FROM: PROD. MGR  
TO: PROD. MGR  
CONTACT'S NAME FROM: ROGER A. GLENDENING  
TO: ROGER D. GLENDENING  
CONTACT'S TITLE FROM: PROD. MGR  
TO: PROD. MGR

R E V I S I O N N O T E S \*\* (07/02/98) \*\*

MANUAL COMMENT UPDATED FROM  
AUTOMATED COMMENTS  
AUTOMATED COMMENTS

NOTICE OF LAND DISPOSAL RESTRICTION OF WASTE IS NOT REQUIRED.

\*\*\* ACCEPT FOR SHIPMENT

END OF DOCUMENT

81385-TR4843  
OIL RECOVERY SERVICE  
OIL SERVICES COLLECTION

PREQUALIFICATION EVALUATION

PAGE 1 OF 4  
COMPLETED: 07/02/98  
REVISED: 07/02/98  
RUN: 07/03/98

ACCEPT FOR SHIPMENT

BRANCH/SUBMITTER: 407602  
GREENWOOD

CONTROL #: 1817710-7  
LAB #: 6069817710-8  
SURVEY #: 1177155

-----  
GENERATOR INFORMATION: CUSTOMER NUMBER: 4076-02-8560

MILBANK MFG  
1400 E HAVENS  
KOKOMO, IN 46903

ATTN: ROGER D GLENDENING

BRANCH: 407602 - GREENWOOD

GENERAL DESCRIPTION: WASTE WATER TANK #3  
NATURE OF BUSINESS: ELEBOX MFG S.I.C.: STATUS: CESQG  
FEDERAL EPA ID: INDO06052930 STATE ID(S): IN INDO06052930  
FACILITY ADDRESS: MANIFEST BILLING ADDRESS:  
1400 E HAVENS PO BOX 754  
KOKOMO, IN 46903 KOKOMO, IN 46901-0754  
PROCESS DESCRIPTION: FROM A WASH TANK  
GENERATION AMOUNT: 3500 GALLONS YEARLY PART#:  
P.O. #: DATE SURVEY SIGNED: 06/24/98  
CONTACT: ROGER D GLENDENING TITLE: PROD MGR PHN: 765-452-5694

\*\*\* ACCEPT FOR SHIPMENT

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MIL0000305

01305-R4843  
OIL RECOVERY SERVICE  
OIL SERVICES COLLECTION

PREQUALIFICATION EVALUATION

PAGE 2 OF 4  
COMPLETED: 07/02/98  
REVISED: 07/02/98  
RUN: 07/03/98

ACCEPT FOR SHIPMENT

BRANCH/SUBMITTER: 407602  
GREENWOOD

CONTROL #: 1817710-7  
LAB #: 6069817710-8  
SURVEY #: 1177155

CORPORATE REVIEW:

DISPOSITION: ACCEPT FOR SHIP  
REVIEW DATE: 07/02/1998

PART NUMBER: 0087174 WASTE WATER 55-1  
REVIEWERS: DRM

APPROVED FACILITIES:

SAFETY-KLEEN CORP.  
1722 COOPER CREEK ROAD  
DENTON, TX 76208

SAFETY-KLEEN CORP.  
3700 LAGRANGE ROAD  
SMITHFIELD, KY 40068  
KYD053348108

FED EPA#: TXD077603371

STATE EPA#: 65124

TELEPHONE: 9403832611

STATE AUTH:

5028452453

APPROVED DOT - SHIPPING DESCRIPTION  
000546B DRUM OR BULK WATER

(NOT USDOT OR USEPA HAZARDOUS MATERIAL)

STATE/PROV. CODES: TX OUTS1141

US EPA WASTE CODES: NONE

USA

REVIEW COMMENTS:

\*\*\*\*\*

\* OK FOR WASTE WATER FUEL. WASTE SHIPPED IN DRUMS FROM THE CUSTOMERS SITE  
\* NEED TO BE EQUIPPED WITH A BUNG ON THE TOP LID PRIOR TO SHIPMENT. DRUMS  
\* RECEIVED FROM THE CUSTOMER LACKING BUNGS WILL BE RETURNED TO THE CUSTOMER BY  
\* THE SK TSDF.

\* PROPER SHIPPING DESCRIPTION WAS BASED ON THIS SINGLE ANALYSIS. GENERATOR  
\* MUST CERTIFY THAT SHIPMENT IS NOT HAZARDOUS. PER COMPANY POLICY, FRS  
\* CUSTOMERS MUST COMPLETE GENERATOR CERTIFICATION WITH EACH SHIPMENT  
\* AND BRANCH WILL FILE IN CUSTOMER RECORDS.

\* A GENERATOR WASTE DETERMINATION CERTIFICATION FORM FOR USEPA NON-HAZARDOUS  
\* WASTE APPROVAL HAS BEEN RECEIVED.

\* THIS WASTE STREAM HAS BEEN REVIEWED FOR RECEIPT AT THE DOLTON RECYCLE CENTER  
\* AND IS NOT APPROVED FOR THIS FACILITY AT THIS TIME.

\* NOT FOR SKOS DUE TO WATER SOURCE.

\* CAUSTIC COAGULATION: PASS

\*\*\*\*\*

THIS SERVES AS NOTICE PER FEDERAL AND STATE REGULATIONS THAT EACH FACILITY  
NOTED ABOVE HAS THE APPROPRIATE PERMITS, CAPABILITIES, CAPACITY, AND IS  
WILLING TO ACCEPT THE MATERIAL AS DESCRIBED IN THE APPROVAL SECTION.  
IT IS THE RESPONSIBILITY OF THE GENERATOR TO NOTIFY SAFETY-KLEEN CORP. OF  
ANY CHANGES IN THE PROCESS GENERATING THIS WASTE STREAM.

\*\*\* ACCEPT FOR SHIPMENT

CONTINUED ON NEXT PAGE

ACCEPT FOR SHIPMENT

BRANCH/SUBMITTER: 407602  
GREENWOOD

CONTROL #: 1817710-7  
LAB #: 6069817710-8  
SURVEY #: 1177155

GENERAL ANALYSIS OF TOTAL SAMPLE

OR YELLOW WHITE  
WATER CONTENT: 99.0 WT%  
NON-VOLATILE RESIDUE: 0.0 WT% DESCRIPTION: SOLID  
FLAMMABILITY: NO FLASH AT 73 F BY SETAFLASH  
FLAMMABILITY: NO FLASH AT 140 F BY SETAFLASH  
PH: DIRECT BY METER 5.8  
RADIOACTIVITY: NONE DETECTED  
COMMENTS: H2O COMP: COMP;NVR@200: SOLID, 0.40

FUEL EVALUATION OF TOTAL SAMPLE

HEAT CONTENT: < 500 BTU/LB ASH UPON COMBUSTION: < 1.0 WT%  
TOTAL HALOGENS: < 0.1 WT%  
TOTAL BROMINE BR: < 0.1 WT% TOTAL FLUORINE F: < 0.1 WT%  
TOTAL SULFUR S: < 0.1 WT% TOTAL CHLORINE CL: < 0.1 WT%  
COMMENTS: FLASH @ 200: N:CHLORIDE: <0.021;

METALS CONTENT OF TOTAL SAMPLE (PPM): DIGEST

METAL	CONC (PPM)	BY: ICP
SILVER (D011)	AG: < 0.1	ARSENIC (D004)
BARIUM (D005)	BA: < 7.8	BERYLLIUM
CADMIUM (D006)	CD: < 0.5	COBALT
CHROMIUM (D007)	CR: < 0.3	COPPER
IRON	FE: 2.6	MERCURY (D009)
MAGNESIUM	MG: 55	MANGANESE
NICKEL	NI: < 0.7	PHOSPHORUS
LEAD (D008)	PB: < 0.9	ANTIMONY
SELENIUM (D010)	SE: < 3.9	SILICON
TITANIUM	TI: 2.6	THALLIUM
VANADIUM	V: < 0.3	ZINC

GENERAL COMPOSITION:

COMPOSITION BY:	CENTRIFUGE (VOL%)	APPEARANCE (VOL%)	TOTAL (WT%)
AQUEOUS PHASE (FREE WATER)	100.0	99.0	99.0
ORGANIC PHASE (FEEDSTOCK)		0.0	0.0
TOP SLUDGE (SEMISOLIDS)		0.0	0.0
BOTTOM SOLID (SETTLED SOLIDS)		1.0	1.0
TOTAL	100.0	100.0	100.0
TOTAL PHASE	SPECIFIC GRAVITY: .990	VISCOSITY (CENTIPOISE): <	50 CPS

SPECIFIC COMPOSITION OF TOTAL SAMPLE

COMPOSITION OF:	TOTAL SAMPLE (WT%)	TOTAL SAMPLE (WT%)
WATER CONTENT	99.0	99.0
NON-VOLATILE RESIDUE DESCRIPTION: SOLID	0.0	0.0
VOLATILE ORGANICS BY DIFFERENCE	1.0	1.0
TOTAL	100.0	100.0

\*\*\* ACCEPT FOR SHIPMENT

CONTINUED ON NEXT PAGE

81363-R4843  
OIL RECOVERY SERVICE  
OIL SERVICES COLLECTION

PREQUALIFICATION EVALUATION

PAGE 4 OF 4  
COMPLETED: 07/02/98  
REVISED: 07/02/98  
RUN: 07/03/98

ACCEPT FOR SHIPMENT

BRANCH/SUBMITTER: 407602  
GREENWOOD

CONTROL #: 1817710-7  
LAB #: 6069817710-8  
SURVEY #: 1177155

VOLATILE ORGANIC COMPOSITION OF TOTAL SAMPLE BY GAS CHROMATOGRAPHY  
SAMPLE PREPARATION METHODS: NEAT  
INJECTION METHODS: FID, FID

COMPOSITION OF:	VOLATILE ORGANICS (WT%)	TOTAL SAMPLE (WT%)
COMPOUND NAME NO VOLATILE ORGANICS DETECTED (<0.1% EACH) CODE: NONE CAS NUMBER:	100.0	1.0
TOTAL	100.0	1.0

SPECIFIC ORGANIC COMPOSITION  
POLYCHLORINATED BIPHENYLS (PCBS): NONE DETECTED <

LABORATORY REVIEW: A SEG CODE: REVIEWERS: XXX XXX LAB: SK TECHNICAL CTR  
RELEASED: 07/02/98 ANALYZED: 07/01/98 SUBMITTED: 06/26/98  
COMMENTS: SPECIFIC GRAVITY REPORTED AS BULK DENSITY

THE ANALYSIS CONTAINED HEREIN ARE PERFORMED SOLELY FOR THE PURPOSE OF QUALIFYING THE ANALYZED MATERIALS FOR ACCEPTANCE BY SAFETY-KLEEN CORP. IN ACCORDANCE WITH ITS PERMITS AND PROCESSING CAPABILITIES.

REVISION NOTES \*\* (07/02/98) \*\*  
NATURE BUSINESS FROM: ELE BOX MFG  
TO: ELEBOX MFG  
FAC ADDR MNFST? FROM:  
TO: F  
FAC ADDR POSTAL FROM: 46901-1942  
TO: 46903

REVISION NOTES \*\* (07/02/98) \*\*  
NO CHARGE? FROM:  
TO: N  
SHIPPER'S NAME FROM: ROGER A. GLENDENING  
TO: ROGER D. GLENDENING  
SHIPPER'S TITLE FROM: PROD. MGR.  
TO: PROD MGR  
CONTACT'S NAME FROM: ROGER A. GLENDENING  
TO: ROGER D. GLENDENING  
CONTACT'S TITLE FROM: PROD. MGR.  
TO: PROD MGR

REVISION NOTES \*\* (07/02/98) \*\*  
MANUAL COMMENT UPDATED FROM  
AUTOMATED COMMENTS  
AUTOMATED COMMENTS

NOTICE OF LAND DISPOSAL RESTRICTION OF WASTE IS NOT REQUIRED.

\*\*\* ACCEPT FOR SHIPMENT

END OF DOCUMENT



OIL RECOVERY SERVICE  
OIL SERVICES COLLECTION

QUALIFICATION EVALUATION

PAGE 1 OF 4  
COMPLETED: 07/02/98  
REVISED: 07/02/98  
RUN: 07/03/98

ACCEPT FOR SHIPMENT

BRANCH/SUBMITTER: 407602  
GREENWOOD

CONTROL #: 1817601-6  
LAB #: 6069817601-7  
SURVEY #: 1177280

GENERATOR INFORMATION: CUSTOMER NUMBER: 4076-02-8560

MILBANK  
1400 E HAVENS  
KOKOMO, IN 46903

ATTN: ROGER D GLENDENING

BRANCH: 407602 - GREENWOOD

GENERAL DESCRIPTION: WASTE WATER TANK 2-4

NATURE OF BUSINESS: METER MFG S.I.C.: STATUS: CESGG

FEDERAL EPA ID: INDO06052930 STATE ID(S): IN INDO06052930

FACILITY ADDRESS: MANIFEST BILLING ADDRESS:

1400 E HAVENS  
KOKOMO, IN 46903  
PO BOX 754  
KOKOMO, IN 46901-0754

PROCESS DESCRIPTION: FROM WASH TANK

GENERATION AMOUNT: 3600 GALLONS YEARLY PART#:

P.O. #: DATE SURVEY SIGNED: 06/24/98

CONTACT: ROGER D GLENDENING TITLE: PROD MGR PHN: 765-452-5694

\*\*\* ACCEPT FOR SHIPMENT

CONTINUED ON NEXT PAGE

MIL0000309

OIL RECOVERY SERVICE  
OIL SERVICES COLLECTION

ACCEPT FOR SHIPMENT

COMPLETED: 07/02/98  
REVISED: 07/02/98  
RUN: 07/03/98

BRANCH/SUBMITTER: 407602  
GREENWOOD

CONTROL #: 1817601-6  
LAB #: 6069817601-7  
SURVEY #: 1177280

CORPORATE REVIEW:

POSITION: ACCEPT FOR SHIP  
REVIEW DATE: 07/02/1998

PART NUMBER: 0087174 WASTE WATER 55-1  
REVIEWERS: AS KAW

APPROVED FACILITIES:

SAFETY-KLEEN CORP.  
1722 COOPER CREEK ROAD  
DENTON, TX 76208  
FED EPA#: TXD077603371  
STATE EPA#: 65124  
TELEPHONE: 9403832611  
STATE AUTH:

SAFETY-KLEEN CORP.  
3700 LAGRANGE ROAD  
SMITHFIELD, KY 40068  
KYD053348108

5028452453

APPROVED DOT - SHIPPING DESCRIPTION  
0005469 DRUM OR BULK

WASH WATER  
(NOT USDOT OR USEPA HAZARDOUS MATERIAL)

STATE/PROV. CODES: TX OUTSIDE  
US EPA WASTE CODES: NONE  
USA

REVIEW COMMENTS:

\*\*\*\*\*

\* A GENERATOR WASTE DETERMINATION CERTIFICATION FORM FOR USEPA NON-HAZARDOUS  
\* WASTE APPROVAL HAS BEEN RECEIVED.  
\*  
\* PROPER SHIPPING DESCRIPTION WAS BASED ON THIS SINGLE ANALYSIS. GENERATOR  
\* MUST CERTIFY THAT SHIPMENT IS NOT HAZARDOUS. PER COMPANY POLICY, FRS  
\* CUSTOMERS MUST COMPLETE GENERATOR CERTIFICATION WITH EACH SHIPMENT  
\* AND BRANCH WILL FILE IN CUSTOMER RECORDS.  
\*  
\* OK FOR WASTE WATER FUEL. WASTE SHIPPED IN DRUMS FROM THE CUSTOMERS SITE  
\* NEED TO BE EQUIPPED WITH A BUNG ON THE TOP LID PRIOR TO SHIPMENT. DRUMS  
\* RECEIVED FROM THE CUSTOMER LACKING BUNGS WILL BE RETURNED TO THE CUSTOMER BY  
\* THE SK TSDF.  
\*  
\* THIS WASTE STREAM HAS BEEN REVIEWED FOR RECEIPT AT THE DOLTON RECYCLE CENTER  
\* AND IS NOT APPROVED FOR THIS FACILITY AT THIS TIME.  
\*  
\* JUSTIC COAGULATION: PASS

\*\*\*\*\*

THIS SERVES AS NOTICE PER FEDERAL AND STATE REGULATIONS THAT EACH FACILITY  
NOTED ABOVE HAS THE APPROPRIATE PERMITS, CAPABILITIES, CAPACITY; AND IS  
WILLING TO ACCEPT THE MATERIAL AS DESCRIBED IN THE APPROVAL SECTION.  
IT IS THE RESPONSIBILITY OF THE GENERATOR TO NOTIFY SAFETY-KLEEN CORP. OF  
ANY CHANGES IN THE PROCESS GENERATING THIS WASTE STREAM.

\*\*\* ACCEPT FOR SHIPMENT

CONTINUED ON NEXT PAGE

ACCEPT FOR SHIPMENT

BRANCH/SUBMITTER: 407602  
GREENWOODCONTROL #: 1817601-6  
LAB #: 6069817601-7  
SURVEY #: 1177280

## GENERAL ANALYSIS OF TOTAL SAMPLE

OR : COLORLESS, WHITE  
ER CONTENT : 100.0 WT%  
NON-VOLATILE RESIDUE : 0.0 WT% DESCRIPTION: DRY  
FLAMMABILITY : NO FLASH AT 73 F BY SETAFLASH  
FLAMMABILITY : NO FLASH AT 140 F BY SETAFLASH  
PH : DIRECT BY METER 8.3  
RADIOACTIVITY : NONE DETECTED  
COMMENTS: H2O COMP: COMP;NVR@200: DRY, 0

## FUEL EVALUATION OF TOTAL SAMPLE

HEAT CONTENT : < 500 BTU/LB ASH UPON COMBUSTION : < 1.0 WT%  
TOTAL HALOGENS : < 0.1 WT%  
TOTAL BROMINE BR: < 0.1 WT% TOTAL FLUORINE F: < 0.1 WT%  
TOTAL SULFUR S: < 0.1 WT% TOTAL CHLORINE CL: < 0.1 WT%  
COMMENTS: FLASH @ 200: N; CHLORIDE: <0.021;

## METALS CONTENT OF TOTAL SAMPLE (PPM): DIGEST

		BY: ICP	
SILVER (D011)	AG: < 0.2	ARSENIC (D004)	AS: < 2
BARIUM (D005)	BA: < 8	BERYLLIUM	BE: < 0.4
CADMIUM (D006)	CD: < 0.6	COBALT	CO: < 0.6
CHROMIUM (D007)	CR: < 0.4	COPPER	CU: < 0.6
IRON	FE: 6.9	MERCURY (D009)	HG: < 20.6
MAGNESIUM	MG: 32	MANGANESE	MN: < 0.4
NICKEL	NI: < 0.8	PHOSPHORUS	P: < 62
LEAD (D008)	PB: < 1	ANTIMONY	SB: < 3
SELENIUM (D010)	SE: < 4	SILICON	SI: < 15
TITANIUM	TI: < 0.4	THALLIUM	TL: < 6
VANADIUM	V: < 0.4	ZINC	ZN: < 7.3

## GENERAL COMPOSITION:

COMPOSITION BY:	CENTRIFUGE (VOL%)	APPEARANCE (VOL%)	TOTAL (WT%)
AQUEOUS PHASE (FREE WATER).....	98.0	100.0	100.0
ORGANIC PHASE (FEEDSTOCK).....		0.0	0.0
TOM SLUDGE (SEMISOLIDS).....	2.0	0.0	0.0
TOM SOLID (SETTLED SOLIDS).....		0.0	0.0
TOTAL	100.0	100.0	100.0
TOTAL PHASE			
SPECIFIC GRAVITY: .990	VISCOSITY (CENTIPOISE): <		50 CPS

## SPECIFIC COMPOSITION OF TOTAL SAMPLE

COMPOSITION OF:	TOTAL SAMPLE (WT%)	TOTAL SAMPLE (WT%)
WATER CONTENT.....	100.0	100.0
NON-VOLATILE RESIDUE.....	0.0	0.0
VOLATILE ORGANICS BY DIFFERENCE.....	0.0	0.0
TOTAL	100.0	100.0

\*\*\* ACCEPT FOR SHIPMENT

CONTINUED ON NEXT PAGE

81383-TR484J  
OIL RECOVERY SERVICE  
OIL SERVICES COLLECTION

PREQUALIFICATION EVALUATION

PAGE 4 OF 4  
COMPLETED: 07/02/98  
REVISED: 07/02/98  
RUN: 07/03/98

ACCEPT FOR SHIPMENT

BRANCH/SUBMITTER: 407602  
GREENWOOD

CONTROL #: 1817601-6  
LAB #: 6069817601-7  
SURVEY #: 1177280

VOLATILE ORGANIC COMPOSITION OF TOTAL SAMPLE BY GAS CHROMATOGRAPHY  
SAMPLE PREPARATION METHODS: CS2-EXTRACT  
DETECTION METHODS: FID, FID

COMPOSITION OF:	VOLATILE ORGANICS (WT%)	TOTAL SAMPLE (WT%)
COMPOUND NAME		
NO VOLATILE ORGANICS DETECTED (<0.1% EACH)	100.0	0.0
CODE: NONE CAS NUMBER:		
TOTAL	100.0	0.0

SPECIFIC ORGANIC COMPOSITION  
POLYCHLORINATED BIPHENYLS (PCBS): NONE DETECTED <

LABORATORY REVIEW: A SEG CODE: REVIEWERS: XXX XXX LAB: SK TECHNICAL CTR  
RELEASED: 07/02/98 ANALYZED: 06/30/98 SUBMITTED: 06/25/98  
COMMENTS: SPECIFIC GRAVITY REPORTED AS BULK DENSITY

THE ANALYSIS CONTAINED HEREIN ARE PERFORMED SOLELY FOR THE PURPOSE OF QUALIFYING THE ANALYZED MATERIALS FOR ACCEPTANCE BY SAFETY-KLEEN CORP. IN ACCORDANCE WITH ITS PERMITS AND PROCESSING CAPABILITIES.

REVISION NOTES \*\* (07/02/98) \*\*  
SMPL NAME FROM: MILBANK MFG  
TO: MILBANK  
FAC ADDR MNFST? FROM:  
TO: F  
FAC ADDR POSTAL FROM: 46901-1942  
TO: 46903

REVISION NOTES \*\* (07/02/98) \*\*  
NO CHARGE? FROM:  
TO: N  
SIGNER'S NAME FROM: ROGER A. GLENDENING  
TO: ROGER D. GLENDENING  
SIGNER'S TITLE FROM: PROD. MGR.  
TO: PROD MGR  
CONTACT'S NAME FROM: ROGER A. GLENDENING  
TO: ROGER D. GLENDENING  
CONTACT'S TITLE FROM: PROD. MGR.  
TO: PROD MGR

REVISION NOTES \*\* (07/02/98) \*\*  
MANUAL COMMENT UPDATED FROM  
AUTOMATED COMMENTS  
AUTOMATED COMMENTS

NOTICE OF LAND DISPOSAL RESTRICTION OF WASTE IS NOT REQUIRED.

\*\*\* ACCEPT FOR SHIPMENT

END OF DOCUMENT